



Product features

- Channel Spacing •
- Low insertion loss
- Broadband transmission
- High channel isolation
- High stability and reliability
- Adhesive-free optical path



Product application

- Channel multiplexing/demultiplexing
- DWDM network

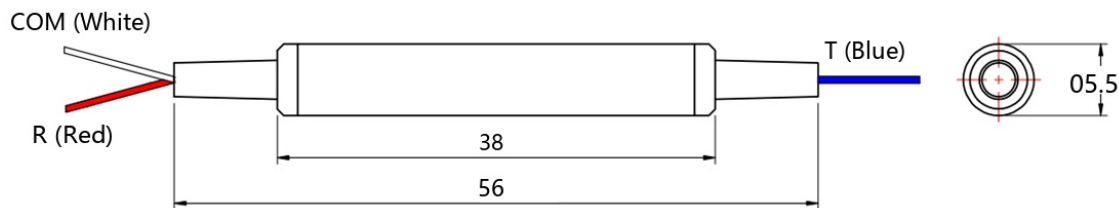
Technical parameters

Technical name		Parameter
Channel wavelength (nm)		1530.33~1560.61(21~59 ITU grid)
Channel Spacing (GHz)		100
Channel Insertion Loss (dB)		≤ 0.8
Channel passband (@ -0.5dB broadband) (nm)		>0.3
Reflection Channel Insertion Loss (dB)		≤ 0.6
Channel Flatness (dB)		<0.5
Up/Down Channel Isolation (dB)	Adjacent	>30
	Non-adjacent	>40
Insertion loss thermal stability (dB/°C)		< 0.005
Wavelength thermal stability (nm/°C)		< 0.002
Polarization Dependent Loss (dB)		<0.1
Polarization mode dispersion (PS)		< 0.1
Directivity (dB)		>50
Return loss (dB)		>45
Maximum rated power (mW)		300
Operating temperature (°C)		-10°C~+70°C
Storage temperature (°C)		-40°C~+85°C
Package Size (mm)		$\phi 5.5 \times L38$ for 900um loose tube



Dimension structure (Unit: mm)

Φ5.5×38 mm(900um loose tube)



Ordering Information HC-DWDM-A-B-C-D-E

A	B	C	D	E
Channel spacing	ITU channel	Fiber type	Fiber length	Connector type
1=100GHz	C21=1560.61nm C23=1558.98nm	1=Bare Fiber 2=900um Fiber	1 = 1 meter 2 = 2m	0 = none 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC